

10/528055#2

DT15 Rec'd PCT/PTO 17 MAR 2005

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76674

Hiroshi MIZUKAMI

Appln. No.: Based on PCT/JP2004/010592

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: March 17, 2005

Examiner: Unknown

For: METHOD FOR SETTING FIRING TEMPERATURE OF CERIUM CARBONATE,  
METHOD FOR PRODUCING CERIUM OXIDE ABRASIVES AND CERIUM OXIDE  
ABRASIVES OBTAINED BY THE METHOD

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: Based on PCT/JP2004/010592

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of an English-language International Search Report from the International Searching Authority in the International Application citing such documents, including at least that portion of the International Search Report indicating the degree of relevance found by the International Searching Authority.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: March 17, 2005

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	Unknown 10/528055
Confirmation Number	Unknown
Filing Date	March 17, 2005
First Named Inventor	Hiroshi MIZUKAMI
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q76674

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	1 335 011	A	08-13-2003	MITSUI MINING & SMELTING CO	
		EP	1 201 607	A	05-02-2002	HITACHI CHEMICAL CO LTD	
		EP	1 148 538	A	10-24-2001	HITACHI CHEMICAL CO LTD	
		EP	1 371 707	A	12-17-2003	MITSUI MINING & SMELTING CO	
		DE	102 51 029	A	05-19-2004	DEGUSSA	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		PATENT ABSTRACTS OF JAPAN, Vol. 2000, No. 21, August 3, 2001 & JP 2001-089748 A (SEIMI CHEM CO LTD), April 3, 2001	
		PATENT ABSTRACTS OF JAPAN, Vol. 1999, No. 4, April 30, 1999 & JP 11-012561 A (SEIMI CHEM CO LTD), January 19, 1999	
		Ivanov, E. N., et al., "Effect of the heat treatment of cerium carbonate on the microstructure and polishing capacity of cerium dioxide", CHEMICAL ABSTRACTS+INDEXES, AMERICAN CHEMICAL SOCIETY, COLUMBUS, US, Vol. 111, No. 16, October 16, 1989, page 157, XP002977021, ISSN:0009-2258	
		PATENT ABSTRACTS OF JAPAN, Vol. 2003, No. 3, May 5, 2003 & JP 2002-327171 A (MITSUI MINING & SMELTING CO LTD), November 15, 2002	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.